

~~~~~\*\* Preliminary Draft Agenda \*\*~~~~~

**Joint EFCOG/DOE Chemical Management 2003  
and Beryllium Workshop**

**November 4 -6, 2003**

**Chemical Safety Management at the Activity Level**

*Topical Themes*

- ❖ *Identifying and Controlling Chemical Hazards*
- ❖ *Behavior Based Safety and Preventing Chemical Incidents*
- ❖ *Beryllium Overview and Beryllium Release Criteria*

*Sponsored by*

EFCOG/DOE Chemical Safety Topical Committee (CSTC)  
EFCOG Safety Analysis Working Group  
DOE Office of Environment, Safety and Health  
DOE Technical Standards Program Office

*Workshop Location*

DOE Forrestal Auditorium (GE-086)  
1000 Independence Ave. SW, Washington, D.C. 20585  
and

**Audio\*\* and Video-linked to various locations throughout the DOE Complex**

**Reminder -- Please bring your DOE badge or obtain a visitor's badge upon arrival**

**[\*\* CALL-IN NUMBER for all three days is xxxxxxxxxxxx]**

*Designated Hotels*

**The Loew's L'Enfant Plaza Hotel**

480 L'Enfant Plaza, S.W.  
Washington, D.C. 20024

[Reservations: 1-800-635-5065 or 202-484-1000]

[Room Block Under "DOE Chem Management"]

**The Channel Inn**

650 Water St., SW

Washington, D.C. 20024

[Reservations: 1-800-368-5668 or 202-554-2400]

[Room Block Under #5979]

**Holiday Inn**

550 'C' St., SW

Washington, D.C. 20024

[Reservations: 1-800-465-4329 or 202-479-4000]

[Room Block Under "DOE Chem Management"]

**For more information on the Workshop go to our home page at [http://tis.eh.doe.gov/web/chem\\_safety/ws2003](http://tis.eh.doe.gov/web/chem_safety/ws2003)**

**Day 1 -- Tuesday, November 4, 2003**

***Identifying and Controlling Chemical Hazards at the Activity Level,  
Behavior Based Safety and Preventing Chemical Incidents***

[All times are EasternTime]

**8:30 – 11:30**      **Registration/Name Tags and Packet Pick-up at Forrestal Main Auditorium Entrance (GE-086)**

**OPENING SESSION -- FORRESTAL MAIN AUDITORIUM (GE-086)**

**9:00 – 9:05**      **Welcome/Opening Comments by EFCOG/DOE-HQ CSTC Co-Chairs**

*J.C. Laul, EFCOG SAWG /Los Alamos National Laboratory/CSTC EFCOG Co-chair  
Bill McArthur, H & S Policy Team Leader/DOE-HQ/EH-52/CSTC DOE Co-chair*

**9:05 – 9:35**      **Host and Sponsors' Welcomes**

*C.Rick Jones, Acting Deputy Assistant Secretary, Office of Safety and Health (EH-5)*

- DOE Corporate Welcome,

*"DOE Chemical Safety Management at the Activity Level"*

*Beverly A. Cook, DOE Assistant Secretary for Environment, Safety and Health (EH-1)*

- EFCOG Corporate Welcome,

*"Chemical Safety Management at the Activity Level: The EFCOG Perspective"*

*Robie Enge, Associate Lab Director, PNNL, Director, EFCOG*

**9:35–10:00**      "Chemical Safety Management at the Activity Level: A DNFSB View"

*DNFSB Speaker TBD*

**10:00--10:15**      **BREAK      [15 minutes]**

**10:15 –11:30**      **"TRAINING SESSION: Behavior Based Safety"**

*Jim Kleinstuber, LANL*

**11:30 – 12:45**      **LUNCH**

**12:45 – 1:30**      "Behavior Based Safety/Human Factors Process at ExxonMobil Co .

*Edward Hojnacki, ExxonMobil Co.*

**1:30 – 2:15**      Automated Hazards Analysis – Work Planning at the Activity Level

*Kent Sullivan, WSRC*

**2:15 – 2:30**      **BREAK      [15 minutes]**

**2:30 – 3:15**      "Formation and Detonation of Chlorine Dioxide Causes a Near-Miss Fatal Accident"

*Jeff Williams, NNSA Los Alamos Site Office*

**3:15 – 4:00**      "Removable Thin Films Used for the Abatement and Mitigation of Hazardous Particulates

*M. Lumia and C. Gentile, Princeton PPL and K. Creek, LANL*

**4:00 – 4:45**      "Beryllium Research Agenda and Registry"

*David Weitzman, DOE/EH-52*

**4:45 – 5:00**      Closing Remarks and Highlights of the Day's Discussions/ Preview of Day 2

**Bill McArthur/J.C. Laul**

**Day 2 -- Wednesday, November 5, 2003*****Identifying and Controlling Chemical Hazards at the Activity Level******CSTC 2003/2004 Project Discussions and Training [Track I]******Beryllium Release Criteria [Track II]***

|              |                                           |                                             |
|--------------|-------------------------------------------|---------------------------------------------|
| 8:30 a.m.    | Registration/Name Tags and Packet Pick-up | Forrestal Main Auditorium Entrance (GE-086) |
| 8:55 – 9:00  | Welcome to Day 2                          | J.C. Laul/Bill McArthur                     |
| 9:00 – 12:30 | <b>CONCURRENT SESSIONS</b>                |                                             |

**TRACK I****GENERAL SESSION [AUDITORIUM]**

|               |                                                                                                                                                                                               |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 9:00 – 9:25   | <b>CSTC Project 2003-B:</b><br>“Chemical Incidents at DOE: A Root Cause Analysis”<br><i>James Morgan, WSRC [Team Chair]</i>                                                                   |
| 9:25 – 9:55   | <b>CSTC Project 2003-C:</b><br>“Current Chemical Hazard Characterization Practices at DOE”<br><i>J.C. Laul, LANL [Team Chair]</i>                                                             |
| 9:55 – 10:05  | <b>BREAK [10 minutes]</b>                                                                                                                                                                     |
| 10:05 – 10:30 | <b>CSTC Project 2003-D:</b><br>“Methods for Addressing the Hazards of Shock Sensitive, Time Sensitive and Reactive Chemicals”<br><i>Helena Whyte, LANL [Team Chair]</i>                       |
| 10:30 – 10:55 | <b>CSTC Project 2003-E:</b><br>“Chemical Exposures During Closure Activities”<br><i>Marco Colalancia, Rocky Flats [Team Chair]</i>                                                            |
| 10:55 – 11:40 | <b>TRAINING SESSION – CSTC Project 2003-F</b><br>“DOE Handbook: Integration of Multiple Hazard Analysis Requirements and Activities”<br><i>James Goss, Y-12 Site Office/NNSA [Team Chair]</i> |
| 11:40 – 12:30 | <b>TRAINING SESSION – CSTC Project 2003-A</b><br>“Chemical Management Handbook VOLUME 3: Chemical User Safety & Health Requirements Roadmap”<br><i>David Quigley, INEEL [Team Chair]</i>      |

**TRACK II****Beryllium Release Criteria Breakouts**  
*[Rooms TBA]***Team 1 – Criteria****Team 2 – Characterization****Team 3 – Remediation**

|              |                                                                                                                                                                                                                                                                                                                                                               |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 12:30 – 1:40 | <b>LUNCH</b>                                                                                                                                                                                                                                                                                                                                                  |
| 1:40 – 2:40  | <b>Plenary Session: Beryllium Session Team Report-outs</b><br><b>David Weitzman, DOE-HQ/EH-52, Facilitator</b>                                                                                                                                                                                                                                                |
| 2:40 – 3:25  | “Chemical Safety Management at the Activity Level: The DOE Office of Oversight ES&H Evaluation Teams’ Perspective”<br>M. Mielke, DOE OA-50, and Jim Lockridge, Eagle Research Group                                                                                                                                                                           |
| 3:25 – 3:35  | <b>BREAK [10 minutes]</b>                                                                                                                                                                                                                                                                                                                                     |
| 3:35 – 4:55  | <b>Plenary Session: Begin CSTC 2004 Project Discussions/Brainstorm CSTC Issues for 2004</b><br><b>Bill McArthur /J.C. Laul, Facilitators</b><br><i>3:35 – 4:15 Recommendations by Workshop Participants for Potential 2004 Projects and <u>DISCUSSION</u></i><br><i>4:15 – 4:55 Develop a List of Potential 2004 Project Topics with a Focus on “Product”</i> |
| 4:55 – 5:00  | <b>Closing Remarks and Announcements</b><br>J.C. Laul/Bill McArthur                                                                                                                                                                                                                                                                                           |

**Day 3 -- Thursday, November 6, 2003**

***Identifying and Controlling Chemical Hazards at the Activity Level***

***CSTC Path Forward for 2004 – New Project Selection***

***TRAINING – “Managing Insidious Chemical Hazards and Vulnerabilities”***

|               |                                                                                                                                                                                                                                                                                                                                        |                                                                        |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|
| 8:55 – 9:00   | Welcome to Day 3                                                                                                                                                                                                                                                                                                                       | J.C. Laul/ Bill McArthur                                               |
| 9:00 – 9:45   | “Collective Lessons Learned from U.S. Chemical Safety Hazard Investigation Board Investigations”                                                                                                                                                                                                                                       | Carolyn Merritt, Chairman and CEO, U.S. CSB                            |
| 9:45 – 10:00  | BREAK [15 minutes]                                                                                                                                                                                                                                                                                                                     |                                                                        |
| 10:00 – 11:00 | <u>Plenary Session</u><br>Discussion/Balloting and VOTE COUNT                                                                                                                                                                                                                                                                          | J.C. Laul/ Bill McArthur, Facilitators                                 |
|               | <ul style="list-style-type: none"><li>• Open discussion of list of candidate CSTC projects for 2004 developed on Day 2</li><li>• Distribution* of Ballots for selection of 5 project topics from list of 2004 projects<br/>*[Faxed to remote sites]</li><li>• Vote Count and selection of 5 CSTC projects for 2004 from list</li></ul> |                                                                        |
| 11:00 – 11:45 | <u>Break-out Session</u><br>Participants to break-out rooms for new 2004 Team-building and project discussions:                                                                                                                                                                                                                        |                                                                        |
|               | <ul style="list-style-type: none"><li>• Teams develop preliminary project descriptions, strategies &amp; proposed products</li></ul><br>Break-out Rooms TBA                                                                                                                                                                            |                                                                        |
| 11:45 – 12:30 | <u>Plenary Session</u> - All CSTC Projects for 2004 -- Team Report-Outs                                                                                                                                                                                                                                                                | Bill McArthur/J.C. Laul, Facilitators<br>CSTC 2004 Project Team Chairs |
|               | <ul style="list-style-type: none"><li>• Designations of All CSTC 2004 Projects, Teams and Team Chairs</li><li>• New Project Preliminary Titles/Descriptions/Goals</li><li>• Preliminary Descriptions of Proposed Products</li></ul>                                                                                                    |                                                                        |
| 12:30 – 1:00  | <u>Plenary Session</u>                                                                                                                                                                                                                                                                                                                 | Rick Jones/Bill McArthur/J.C. Laul                                     |
|               | <ul style="list-style-type: none"><li>• Recognition of CSTC and CSTC Project Teams' Accomplishments</li><li>• Anticipated Path Forward to Product Completion for Achieving Excellence in Chemical Management at DOE in 2004</li></ul>                                                                                                  |                                                                        |
| 1:00 – 2:00   | LUNCH                                                                                                                                                                                                                                                                                                                                  |                                                                        |
| 2:00 – 4:30   | TRAINING: “Managing Insidious Chemical Hazards and Vulnerabilities: An Oak Ridge Operations Office Course of Action”                                                                                                                                                                                                                   | Jim Vosburg, ORO/Rudy Gerlach, Consultant                              |
| 4:30 – 4:45   | Adjournment                                                                                                                                                                                                                                                                                                                            | Bill McArthur/J.C. Laul                                                |